EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Reitseng Lin on (Reg. No. 42,804).

➢ Amend claims 1, 3-7, 13-15, 17, 19, and 21-28 as follows:

1. (Currently amended) A method for automatically generating and dynamically adapting an electronic menu including a plurality of menu pages, wherein <u>said</u> menu pages contain selectable menu items with associated commands to be executed upon activation of the ~~respective~~ menu items, the method comprising:

associating a page number with each <u>of the</u> menu page<u>s</u>;

a first menu page containing a first menu item with [[an]] <u>a first</u> associated command ~~and said command associating with data~~, wherein the <u>first associated</u> command <u>is</u> associated with <u>data and</u> ~~the first menu item~~ comprises switching to another menu page;

determining a range of page numbers based upon ~~said~~ <u>the</u> data ~~associated with said command~~;

dynamically detecting available menu pages having ~~the range of~~ page numbers ~~within said range~~, wherein said dynamically detecting is performed each time said <u>first associated</u> command ~~associated with the first menu item~~ is executed; and

selecting a second menu page upon activation of said first menu item, wherein the second menu page is one of the available menu pages and wherein the first <u>menu page</u> and <u>the</u> second menu page[[s]] are retrieved from different <u>non-transitory</u> storage media.

3. (Currently Amended) Method according to claim 2, wherein determining said range is further based on a page number of another menu page that is stored on ~~the~~ <u>a</u> same <u>one of said different</u> storage <u>media</u> ~~medium~~ as the first menu page.

4. (Currently Amended) Method according to claim 1, wherein determining said range is based on a placeholder within said data ~~associated with said command~~.

5. (Currently Amended) Method according to claim 1, wherein said data ~~associated with said command~~ contain a numeric value, and wherein determining the range of page numbers is based on the numeric value and a page number of said first menu page, and wherein the second menu page is one of said available menu pages having page numbers greater than the page number of said first menu page, if the numeric value is positive.

6. (Currently Amended) Method according to claim 1, wherein one of said menu pages is stored in a file, or in a selectable portion of the file, and a page number of said one of said menu pages is determined by a name of the file, or by the name of the file and the selectable portion within the file~~, in which it is stored~~.

7. (Currently Amended) Method according to claim 1, wherein the page number ~~associated with~~ of the first menu page or the second menu page depends on user specific settings.

13. (Currently Amended) An apparatus having software instructions stored on a non-transitory storage medium for automatically generating and dynamically adapting an electronic menu including a plurality of menu pages, wherein each of said menu page contains selectable menu items with associated commands to be executed upon activation of the ~~respective~~ menu items, wherein the apparatus ~~comprising~~ comprises:

a menu controller for:

for detecting a current menu page number of a current menu page ~~currently~~ displayed;

for retrieving from at least two different non-transient storage media menu related data and other data being selectable through the currently displayed menu page;

for determining from a request for displaying another menu page an allowed range of page numbers for the another menu page;

for dynamically detecting available menu pages having the page numbers within said allowed range, wherein said dynamically detecting is performed responsive to the request for displaying said another menu page each time said request is determined; and

for selecting said another menu page, wherein said another menu page is one of said available menu pages.

14. (Currently Amended) Apparatus according to claim 13, wherein determining the allowed range of page numbers comprises comparing a received number with the menu page number of said current currently displayed menu page, wherein the received number is included within said request.

15. (Cancelled)

17. (Currently Amended) Method according to claim 2, wherein said data comprises a numeric value, and wherein the range is determined by the numeric value and the page number of said first menu page, and wherein said second menu page is one of said available menu pages having page numbers greater than the page number of said first menu page, [[if]] when the numeric value is positive.

19. (Currently Amended) Method according to claim 2, wherein the page number ~~associated with~~ of the first menu page or the second menu page depends on user specific settings.

21-24. (Cancelled)

25. (Currently Amended) Method according to claim 5, wherein the second menu page is selected according to a predefined rule, the rule specifying which one of said available menu pages having the page numbers greater than the page number of said first menu page is selected.

26. (Currently Amended) Method according to claim 3, wherein said another menu page is, among the menu pages stored on the same one of said different storage media ~~first storage medium~~, contiguous to said first menu page, and [[a]] the page number of said another menu page is not contiguous to the page number of said first menu page.

27. (Currently Amended) Apparatus according to claim 14, wherein the <u>current</u> <s>currently displayed</s> menu page is retrieved from a first storage medium of said at least two different storage media, and wherein said determining the allowed range of page numbers further comprises comparing the received number with a menu page number of a further menu page retrieved from said first storage medium, wherein the further menu page is, among the menu pages stored on said first storage medium, contiguous to said first menu page, and the page number of said further menu page is not contiguous to the page number of said first menu page.

28. (Cancelled)

Allowable Subject Matter

Claims 1-7, 12-14, 16-17, 19-20, and 25-27 are allowed.

The following is an examiner's statement of reasons for allowance:

The prior art fails to disclose every limitation of Claim 1. More specifically, the prior art fails to disclose or suggest a method for generating and dynamically adapting an electronic menu including a plurality of menu pages, wherein the menu pages contain selectable menu items with associated commands that are to be executed upon activation of the menu items, the method comprising:

- associating a page number with each <u>of the</u> menu pag<u>es</u> and having a a first menu page that contains a first menu item with <u>a first</u> associated command

- o   the <u>first associated</u> command <u>is</u> associated with <u>data and the command</u>
      comprises switching to another menu page;

- determining a range of page numbers based upon <u>the</u> data that is associated
  with the first command

- dynamically detecting available menu pages that have <u>the range of</u> page
  numbers,

  - o   the dynamically detecting is performed each time the <u>first associated</u>
        command is executed; and

- selecting a second menu page upon activation of the first menu item,

  - o   the second menu page is one of the available menu pages

  - o   the first <u>menu page</u> and <u>the</u> second menu pages are retrieved from
        different <u>non-transitory</u> storage media.

The prior art fails to disclose every limitation of Claim 13. More specifically, the prior art
fails to disclose or suggest an apparatus having software instructions stored on a non-
transitory storage medium for automatically generating and dynamically adapting an
electronic menu including a plurality of menu pages, wherein each of the menu pages
contains selectable menu items with associated commands to be executed upon
activation of the menu items, the apparatus comprises:

- a menu controller that

- detects a current menu page number of a current menu page displayed;

- retrieves from at least two different non-transient storage media menu related data and other data being selectable through the currently displayed menu page;

- determines from a request for displaying another menu page an allowed range of page numbers for the another menu page;

- dynamically detects available menu pages having the page numbers within limits of the allowed range,

  o the dynamic detection is performed responsive to the request for displaying the another menu page each time the request has been determined; and

- selects the another menu page,

  o the another menu page is one of the available menu pages.

The examiner notes that these features of the present invention are illustrated in Figures1-16 of the Drawings and discussed in detail from Page 8, Line 3 through Page 14, Lines 24 in the Specification of the present application.

Regarding Claims 1 and 13, the examiner interprets the recited "non-transitory storage readable media" (see Line 17) to be a hardware component because one of ordinary skill in the art would interpret a non-transitory data carrier as hardware memory storage device such as hard disk drives, Blue Ray Discs (optical disc), and memory on Blue Ray

Disc Players (see Page 1, Lines 14-33; Page 2, Lines 29-33; Page, Lines 1-10; Page 8,

Lines 3-11) . The method of Claim1 and the apparatus of Claim 13 that is stored on the

"non-transitory computer readable medium" is operated on a DVD and Blue Ray DVD

environment. Accordingly, Claims 1 and 13 recite statutory subject matter, as defined in

35 U.S.C. 101.

Claims 2-7, 12, 16-17, 19-20, and 25-26:
These claims incorporate the allowable subject matter of Claim 1 and are thus
allowable.

Claims 14 and 27:
These claims incorporate the allowable subject matter of Claim 13 and are thus
allowable.

Any comments considered necessary by applicant must be submitted no later than the
payment of the issue fee and, to avoid processing delays, should preferably accompany
the issue fee. Such submissions should be clearly labeled "Comments on Statement of
Reasons for Allowance."

    Any inquiry concerning this communication or earlier communications from the
examiner should be directed to Soumya Dasgupta whose telephone number is 571-272-
7432. The examiner can normally be reached on M-Th 9am-7pm, F 9am-1pm.

    If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor, Doug Hutton can be reached on 571-272-4137. The fax phone number for
the organization where this application or proceeding is assigned is 571-273-8300.

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